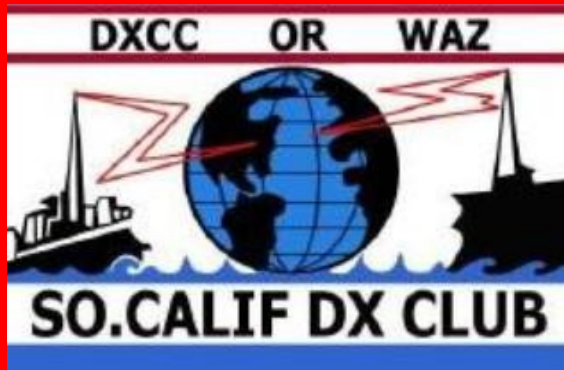




63 Years of DX-cellence



January 2011

BULLetin

The Southern California DX Club

"If you need him get in there and work him"

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The newsletter is published every month and is released to its members about the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with the recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the editor, Bill:

n6rv@scdxc.org

Meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R145.48,(-) 100Hz PL



**HAPPY NEW YEAR!
NEXT MEETING
January 13 @ 7:30 PM!**

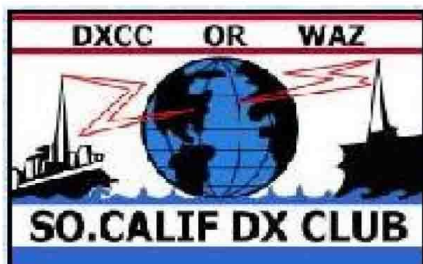
Elections!!!!

DX Year in Review

RENEW YOUR MEMBERSHIP!!!!

- . Heard Island!**
- . Holiday Party Pictures!**
- . Last Chance to Submit Nominations**
 - DXer of the Year**
 - Clipperton Award**
- . We Always Need**
 - Reporters**
 - Articles & Interesting Tidbits**

**Making friends all over the world using the magic of Amateur Radio.
Sponsors of the International DX Convention, since 1949**



Southern California DX Club, Inc.

Membership Renewal []

New Member Application []

Date _____

Name _____ Birthday (MM) _____ Call Sign _____

Spouses Name _____ Birthday (MM) _____ Call Sign _____

Mailing Address _____

City _____ State _____ Zip _____

Telephone Home: (_____) _____ - _____ [] Do not list in club directory

Work: (_____) _____ - _____ [] Do not list in club directory

E-mail: _____ [] Do not list in club directory or web site

Have you confirmed 40 CQ Zones? Not yet: [], Yes [], I have a WAZ certificate: [].

Spouse? Not yet: [], Yes [], Has a WAZ certificate: [].

Have you confirmed 100 Countries? Not yet: [], Yes [], I have a DXCC certificate: [].

Spouse? Not yet: [], Yes [], Has a DXCC certificate: [].

Are you an ARRL Member? No: [] Yes: [] Life: []

--- **Renewal Membership, Full or Associate - \$18.00 USD Per Calendar Year (Jan – Dec)**

(Additional Family Members \$4.50 USD ea)

Overseas / Supporting Membership - \$18.00 USD Per Calendar Year (Jan-Dec)

New Membership, All Types - \$1.50 Times the Number of Months Remaining in Year

(Example: Join in September, pay 4 x \$1.50 – Family Members @ additional 25%)

BADGES

Small: (1.5"H X 2"W) [] Medium: (2"H X 3"W) [] Large: (3"H X 3.75"W) []

\$10.00 USD ea including postage (to US addresses)

For badge shipping costs to overseas locations contact Mel Hughes, K6SY at k6sy@scdxc.org.

Make checks payable to Southern California DX Club or SCDXC

Mail Membership Fees and/or Badge Fees to:

Mel Hughes, K6SY, 28017 San Nicolas Dr., Rancho Palos Verdes, CA 90275

For club use only

Dues recvd by _____ Amt \$ _____ Date _____ Full Member []

QSLs verified by _____ Date _____ Associate Member []

DXCC _____ WAZ _____ Former Member _____ At-Large Member []

Notes: _____ Supporting Member []

Aug 10, 2010

2011 Officer Nominations

It is hard to believe that another year is gone! It has been a great deal of fun working with the current board and we know that the next board will follow in kind. Below are the nominees selected by this years board. As you know any full member can throw his hat into the ring. Please let our secretary know if you desire to run for any office. Also included below the list of nominees is the paragraph in the Officer Guidelines Manual that describes the nomination process.

<u>2011 OFFICER NOMINEES</u>	
President	John Schroeder, N6QQ
Vice President	Bill Kendrick, N6RV
Secretary	Steve Shane, W6NRQ
Treasurer	Cathy Gardenias, K6VC
Director	Ernie Nairne, N6HY
Director	Marilyn Bolnick, KJ6YL
Membership Chairman	Mel Hughes, K6SY

2.0 Elected Office Duties and Responsibilities

The Club Board members are first nominated for office by the Nominating Committee which consists of the Board and announced in the December issue of the Club newsletter. Nominations are accepted from the floor at the election meeting. Each nominated position is then voted upon by the voting members present using an open or secret ballot. Elections are held during the January general membership meeting. The Board members will prepare a ballot to backfill any elected position that becomes empty. Officers are elected for the term (February to February). Board members are encouraged to attend all Club Board and general membership meetings. Normally all officers are elected for one term but with Board approval may succeed themselves. All e-mail directed to the Board of Directors should be acknowledged and should be responded to in a timely fashion by each Board member. The officers should meet as many times as required to conduct club business but, as a minimum, have at least 2 board meetings a year. The Board may, If convenient, use email during the year for some Club business.

DX CODE OF CONDUCT

I will listen, and listen, and then listen again before calling.

I will only call if I can copy the DX station properly.

I will not trust the DX cluster and will be sure of the DX station's call sign before calling.

I will not interfere with the DX station nor anyone calling and will never tune up on the DX frequency or in the QSY slot.

I will wait for the DX station to end a contact before I call.

I will always send my full call sign.

I will call and then listen for a reasonable interval. I will not call continuously.

I will not transmit when the DX operator calls another call sign, not mine.

I will not transmit when the DX operator queries a call sign not like mine.

As many already know SCDXC is a strong supporter of the DX Code of Conduct. Their webpage is very informative. The articles are designed to encourage good operating practices without assigning blame or pointing fingers. The objective is to improve operating behavior and encourage correct practices.

Below is a letter from Randy, W6SJ, one of the committee members and an SCDXC member. Please read it, review the documents and website, and endorse the code as explained on the website.

Fellow SCDXC Members

I am one of the DX Code of Conduct Committee members, an around the world group. You may have read about our initiative in one of the magazines or newsletters.

Our goal is to encourage ethical DX operating behavior, particularly among those trying for a QSO with a DXpedition. The Code has been translated into 30 languages, enough so that every ham in the world ought to be able to find a version he understands. Please take a few minutes to look around the site at www.dx-code.org We are pleased to have had over 8,000 unique visitors to the site. Please sign up as a supporter if you like and put a link to us from your personal webpage and, of course, tell your friends.

A number of the latest DXpeditions have signed on, urging those who want a QSO to behave properly. And we are receiving good feedback from those DXpeditions that have completed.

We have also developed a Power Point that is not fully "online" yet but I would appreciate it if club members would do a test run and download the presentation and see if the audio works on your computer. It's at www.dx-code.org/download.htm Some say yes and others no. We would obviously would like the audio to play automatically, note that there is a slight delay at the slides so that someone can read the screen before the audio track starts. Our goal is to have a presentation that can be played at DX club meetings world-wide. Several translations in the works.

Feedback always welcome,

Randy W6SJ



THE PREZ SEZ
Larry Mallek, K6YUI,
President – Southern California DX
Club
[**k6yui@scdxc.org**](mailto:k6yui@scdxc.org)

Treasurer's Report
Club financial information is available on request. Contact the treasurer.

Officer Guidelines
The revised version of the Officers Guidelines is available on our website. See the hyperlink below.

Hello to everyone!

Well it looks like 2010 is about over and I wanted to thank all the members for making this year a really great one. It really helps when you have a great board with members that are looking out for the club. Many items were resolved this year that will really help the club in the years to come. This year was our year to run the DX Convention and with people like Carl – WU6D, and Mel – K6SY at the helm this went just great. To all those members that helped make the convention a great success I say THANK YOU VERY MUCH. To the other clubs that worked with us I also say Thank You very much. Without this type of team work we would not have the great conventions that we have each time.

The January meeting will be the time when we vote in a new board so I hope that all of you will be at the meeting to vote. Also it is time to renew membership so PLEASE send your membership renewal to Mel – K6SY as soon as you can. Don't wait to long and be lost in the crowd.

Also remember that all those that are eligible, to get their cards checked for the Clipperton Award by a board member before the January meeting. That also goes for those that would like to nominate someone for the DXer of the Year Award, as it need to be done by the January meeting. Get both of these to the Secretary of the club – Steve – W6NRQ.

Well I won't make this to long, so all I can say is have a Safe and Happy New Year and I am looking forward to seeing all of you at the January meeting.

THANK YOU ALL FOR HAVING ME AS YOUR PRESIDENT FOR THE YEAR 2010.

Larry Mallek K6YUI President SCDXC

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

<http://www.dx-code.org/>

VICE PRESIDENT'S CORNER

John Schroeder, N6QQ,
Vice President – Southern California DX Club
n6qq@scdxc.org



DXer of The Year
Congratulations Ernie
N6HY!
The Clipperton
Award
Congratulations Rich
AE6RS!

Hello Everybody!

What a turn out! We met lots of hams and YL's at our Christmas Party this year. The facility was great. Even the drive was relatively easy! There was lots of good food and conversation. Thank you Marilyn, KJ6YL, for your efforts in running the YL's raffle. Also thanks Ernie, N6HY, for helping all year selling the Raffle tickets. This made the job of running the raffle a lot easier. Between the raffle and rounding up speakers the VP job is pretty busy particularly on meeting night.

The Board of Directors, treasurer, and newsletter editor did a great job this year. We enjoyed every moment. It is a pleasure to work with all of you! It is good to see that many are on the slate for 2011. Get ready for another great year!

The January contests include:

For RTTY fans -- ARRL RTTY Roundup -- Jan 8-9

For SSB Fans -- North American QSO SSB Party - Jan 15-16.

For the VHF Fans -- ARRL January VHF Sweepstakes - Jan 22-24

For the 160 meters Fans -- CQ 160 meter CW contest - Jan 28-30.

One more Raffle, and the new VP will have the honor of buying the prizes! It was a lot of work, lots of driving but I had a great time buying all the goodies. I bought things that I would want and it worked! We ran positive on prizes this year! Thank you all the members who threw in a few bucks! It added greatly to the meetings.

See you next month. Remember to get out and vote!

73, John N6QQ Vice-President, SCDXC

January Prizes

Tom Tom GPS 5" screen with life-time maps
Uniden 6.0 5-handset Telephone Bundle.
Nikon 12 mega-pixels Camera
Brothers Computer Label maker.

Plus other goodies...

December Prize Winners

- 1) Honda Generator -- N6OT
- 2) LCD Monitor -- N6QQ
- 3) Nikon 3000 Camera -- N6HT
- 4) Brothers Label Maker -- K6FG
- 5) Weather Station -- N6HT
- 6) Wire Storehouse -- N6RV
- 7) Dual Motor Driver - K5KT
- 8) Wireless Keyboard -- W6IRD
- 9) 25 Foot Extension Cord -- K6SYL
- 10) Fire Extinguisher -- K6ZPL
- 11) Antenna Book -- N6IC
- 12) Vertical Book -- NY6Y
- 13) Sloper Antenna Book --- N6HY
- 14) Paper Package — K6LD
- 15) Paper Package — W6AUG
- 16) Norton 360 Suite — W6GMU



THE EDITOR

Bill Kendrick, N6RV,
Editor – Southern California DX Club
n6rv@scdxc.org

Hallelujah! 2011 is Here!

Another year has slipped by! We would like to thank the board for all their hard work this year. If you haven't noticed our website went through a major (and sudden) change. Jim, N6DHz, put in a ton of time moving the site over to a new provider. Even without this surprise the task of webmaster is a labor of love (and often frustration) that goes without thanks... Not on this watch! Jim you have done so much for the club and you take it in stride! This ones for you. Also the 2010 IDXC Committee should stand up and take a bow. We done good! It is always a joy to work with like minded people whose singular desire is to create a great event that benefits everyone and makes great memories. I would personally like to thank Keith, K6LD, for his professional photographs. Keith has covered all the meetings and events for the past year and has earned the only other position on the newsletter staff. Next year his assistance will be even more appreciated.

This up coming year should be an exciting one. Old Sol is heating up and we should see our old friend 10 meters back on his feet. We might even get some surprises on 6 meters in the fall. The hobby will be heading to another maxima and life will be good!

Another high point is that most of us are footloose and many have unrequited dreams of going on that once in lifetime DXpedition (or another once in a lifetime for hams like Bob, N6OX, Charlie, W6KK and Marty, N6VI). Hopefully in the next few years I will have that opportunity! Remember the SCDXC YL DXpedition to PJ2T is coming up fast!

We are only around 104 days away from the International DX Convention. This year we get to take a deep breath and relax while Northern California brings another memorable event to Visalia. Look forward to another great time. Hey Bubba! We can already taste the BBQ!

Nominate someone for DXer of the Year. There is someone you have in mind and the board is ready, willing, and able to accommodate any submission. If you know someone who qualifies for the Clipperton Award get them on board too!

Finally, the elections are this month. Please come to the meeting and cast your vote. If you are interested in running and are a full member you can be nominated from the floor! The more the merrier!

See you on Friday the 13th.

73, de N6RV

... ..

New Members

Please welcome new members:

Gabriel Calfas
K6AWB

Diana Feinberg
AI6DF

Gene Brewer
W5DQ

Rick Crosmer
W6ENZ

Roger Merideth
K6GVO

Linda Souder
KD6HYN

Rob Reichman
WA3IHV

Lloyd Hendrickson
K6QNY

Arnold Schwartz
WB6PJC

Stan Thornton
K16QM

David Lopez
N6RI

Mark Willardson
N6OUZ

Barry Fitshe
N6VOH

Mary Gray
KH6VZ

Timothy Coker
N6WIN

*Make sure you meet
and greet them at the
next meeting!*

RUMORS ON THE BAND

A plethora of announcements, rumors, and serious DX fun

The big DXpeditions for this month are [Spratly Islands](#), [Christmas Island](#), [Afghanistan](#), [Iraq](#), [Vanuatu](#), and [South Orkney Islands](#).

The Spratly DXpedition is headed up by Chris Dimitrijevic, VK3FY. See their website listed below. It is one of the best ever! This operation looks like a well organized multinational group and Charlie, W6KK, is running logistics for the US leg.

The Micro - Lite Penguin DXpedition group is going to the South Orkney Islands at the end of the month. Check out their website for the details. This team consists of several well seasoned operators who have activated many rare entities. Get on the air this month and work these two excellent operations!

Also be on the look out for many significant operations this month. ZS8, ZD9, 9Q, H40, VP8O, and 3B8 will all be active. So jump off that couch and go work some DX!

Chris, VK3FY and Steve, VK6IR are in the planning stages for a DXpedition to [Heard Island in 2013](#). More to come!

Talking about well run what did you think of the Kermadec Island operation? Those guys were everywhere all the time. I noticed that several members were counted on the list of most worked. Rich, W6VX caught him 24 times, and Ernie was chasing close behind with 23 Qs. Also in the fray was Mark, K6FG, Tim, N6WIN and Tim, K6GEP. Way to go ZL8X and club members!

Blue Information indicate particularly rare entities and **Red information** indicate SCDXC member attended DXpedition. As always you have to turn on your radio to work them.

Useful DX Sites

[N0HR DXpedition Map](#)
www.n0hr.com/wk34/

[The DX Zone](#)
www.dxzone.com/catalog/DX_Resources/

[The Daily DX](#)
www.dailydx.com/

[Announced DX Ops](#)
www.ng3k.com/misc/adxo.html

[DXing.info](#)
[/www.dxing.info/dxpeditions/](http://www.dxing.info/dxpeditions/)

[DX 425 News](#)
www.425dxn.org/dxped/

[Dx-info.de](#)
www.dx-info.de

[DX Italia DX News](#)
www.marioi2mcp.it

[DH9SB Weekly DX Calendar](#)
<http://www.dx-info.de>

Call	QTH	Start Date	End Date	Information	Website
ZS8M	Marion Island	Now	4/1/2011	ZS1HF working trip on the air when possible. Several spots on 40m.	-
YA	Afghanistan	Now	5/30/2011	KD5NOI (T6JC) & K5TLL (T6TL) 40-10 SSB & Digital	-
ZD9	Gough Island	Now	9/1/2011	ZS1LF	-
YI	Iraq	Now		KB2RLB (YI1RLB), KG4GYS (YI4GYS)	-
DX0DX	Spratly Island	1/6/2011	1/24/2011	Chris, VK4FY heads up a team of 35 hams. Check out their website for excellent details!	http://www.dx0dx.net/
8Q7FF	Maldives	1/4/2011	1/9/2011	JK1FNL 160 - 6 CW, SSB, RTTY	-
VK9NA	Norfolk Island	1/7/2011	1/21/2011	VK3XPD VK4UH VK3KH VHF	http://www.vk9na.com/index.html
VK9XA	Christmas Island	1/14/2011	1/20/2011	By JA3BZO, also JH3PBL (VK9XL), JI3DNN (VK9XN), JA3AVO (VK9XO), JA3UJR (VK9XJR), JA1CJA (VK9XXY), JA3HJI (TBD) 160 - 6 CW, SSB, RTTY	http://www.nakade.jp/vk9x.htm
VP8O	South Orkney Islands	1/27/2011	2/8/2011	K9ZO, ND2T, 9V1YC, K0IR, N1DG, W3WL, N6MZ, I8NHJ, N4GRN, WB9Z, W7EW, VE3EJ, K6AW, EY8MM 160-10 SSB CW RTTY	http://www.vp8o.com/
YJ8HP	Vanuatu Island	1/27/2011	2/2/2011	DL9GRE HF & DL2NUD (YJ8JR) VHF UP	

DX ACCOMPLISHMENTS

Celebrate the Successes of Our Fellow Members!

Updates

Thanks to the following for sending in your updated standings!

John, N6QQ (340)
Ray AD6KQ (328)
Dayton, K6DJ (251)
Sharon, K6IRD (235)
George, N6VNI (206)
Ray, N6HE (152)

You read the newsletter! Keep up the good work!

Remember to Send in Your Updated Standings

Since there will be two more countries added to the deleted list and four new entities added to the DXCC list it seems like we should be busy updating the DXCC standings. Be sure to send them in! Thanks to those who already submitted!

SCDXC WAZ and DXCC Standings (N6RV)

The first of the two large numbers represent the number of confirmed zones on the 9 HF bands 160-10 (less 60 meters). The next column contain the following codes:

M Mixed
P Phone
C CW
R RTTY
5 5 Band

If you have any information to post please email me:

N6RV@SCDXC.ORG

WAZ STANDINGS

	9B / 5B	Awards
EU7SA	355 / 200	M/5
N6AW	355 / 200	M/P/C/5
WA5VGI	352 / 200	M/P/C/5
W6VX	352 / 199	
K6FG	345 / 196	M/P/C/R/5
W6SR	342 / 200	M/P/C//5
W8DX	339 / 200	M/5
K6YUI	337 / 200	M/P/C/R/5
W6YOO	303 / 200	M/P/C/5
K6YRA	280 / 200	P/5
KC6X	278 / 200	M/C/5
N6RV	268 / 183	M/P/C
K6LD	271 / 172	M/P
KR6C	264 / 166	M/C
KJ6Y	261 / 172	
WD6L	248 / 200	M/P/5
K6SY	246 / 173	P
K6GXO	227 / 193	M
AD6KQ	226 / 164	
N6OU	220 / 200	M/5
N6DHZ	214 / 160	P
KH6DX/m	210 / 184	
NS6C	/ 198	
N6MXU	155 / 193	
K2PLF	191 / 191	
K6KII	191 / 177	M
W6IRD	181 / 147	M/P
W6NRQ	180 / 147	M/P
K6IRD	154 / 126	M/P
WA6BOB	152 / 136	M
K6IRA	118 / 102	
W3SE	102 / 112	
K6VC	96 / 96	P
W6EA	92 / 86	
N6VNI	86 / 64	
KA6TTV	82 / 67	
N6UC	78 / 78	M
N6GIL	49 / 43	
W6DCK	40 / 40	P
WB6PSY	40 / 40	P
K6JW	40 / 40	M/P
KT6LA	40 / 40	
K6YR	39 / 39	
NZ6L	36 / 36	
N6HE	35 / 35	
W4EF	29 /	
N6AWD		M
N6HC		M/P/C
KB6KTV		P
W6OES		M
K8RD		C
K6UNR	/ 200	M/P/5

DXCC STANDINGS

	TOT / CUR
K6KII	382 / 338
JA1BK	377 / 338
K6YRA	372 / 338
K6EXO	370 / 338
N6UC	365 / 338
K6YUI	360 / 338
NS6C	355 / 338
N6AW	355 / 337
W6HT	358 / 338
W6SR	353 / 338
K6IPV	353 / 334
WA6WZO	352 / 338
K8RD	351 / 338
K6FG	351 / 338
K5KT	350 / 338
K6GXO	350 / 338
K2PLF	349 / 338
N6RV	349 / 336
W8DX	348 / 338
W6OM	347 / 337
W6AUG	345 / 338
KC6X	344 / 337
W6YOO	344 / 334
W6OES	344 / 329
W6KK	343 / 338
W6VX	343 / 338
N6AWD	343 / 336
K6LD	343 / 338
W6DCK	342 / 336
WA5VGI	342 / 336
WB6PSY	342 / 333
N6QQ	340 / 337
EU7SA	340 / 336
KB6KTV	340 / 335
KR6C	338 / 335
N6HC	338 / 333
N6OU	334 / 329
N6HY	333 / 329
AD6KQ	328 / 328
W6IRD	327 / 324
K6UNR	333 / 332
W6QE	332 / 324
KM6HB	328 / 325
KJ6Y	327 / 323
K2IXQ	324 / 325
K6SY	312 / 310
WD6L	295 / 292
W6HB	291 / 285
N6DHZ	286 / 284
W6NRQ	284 / 284
N7CQQ	268 / 266
N6MXU	267 / 265
K6JW	253 / 251
K6DJ	251 / 251
K6YR	244 / 244
K6GEP	239 / 226
K6HCJ	235 / 235
K6IRD	235 / 235
K6GEP	229 / 226
K6VC	227 / 227
N6VNI	206 / 206
KT6LA	202 / 202
WA6BOB	202 / 198
N6HE	152 / 147
KA6TTV	145 / 145
K6OGO	142 / 142
W6EA	138 / 138
W6VWV	134 / 134
W4EF	132 / 132
K6LX	125 / 125
WA6NOL	112 / 111
NZ6L	27 / 27

DX THE YEAR IN REVIEW

The topic for January's presentation is a review of DX in 2010. We would like make this an annual presentation. Since January is the elections and the first of the year , a short presentation with comments from the club would fit perfectly into the schedule. To prepare for this meeting please bring your statistics and comments about the year and the memorable DX that you worked. For 2011 please take a note pad and jot down interesting items as they occur. You can share them at the meetings and at the end of the year forward a summary email to the editor. This may seem a little self aggrandizing however it will serve several purposes. First, it will form a basis for an estimate of what was heard and worked in Southern California. Second, it will encourage others to be more active. Third, it will lend insight to new DXers regarding when and where to look for those rare ones.

Here are some summary examples.

John N6QQ Annual Update

John is one of our measuring sticks for what DX could be worked in a year. Here is an update to

	2005	2006	2007	2008	2009	2010
QSOs	12577	11062	11061	13851	17091	16050
Contests	36	36	43	49	61	61
Countries						
Mixed	179	187	213	216	249	229
RTTY	118	123	123	135	151	

the table posted last year's February newsletter. Read his article further on in this newsletter.

1. 16,050 QSOs (4600 RTTY, 4800 CW, 6500 SSB)
2. Six all time new entities for total of 340/337

Ernie N6HY

This has been a for me. DXer of the Year, 5BDXCC, 30, 17 & 12 Meter DXCC. I just received ASL number 100 for 160 M DXCC and I had a great time as club director

Bill N6RV

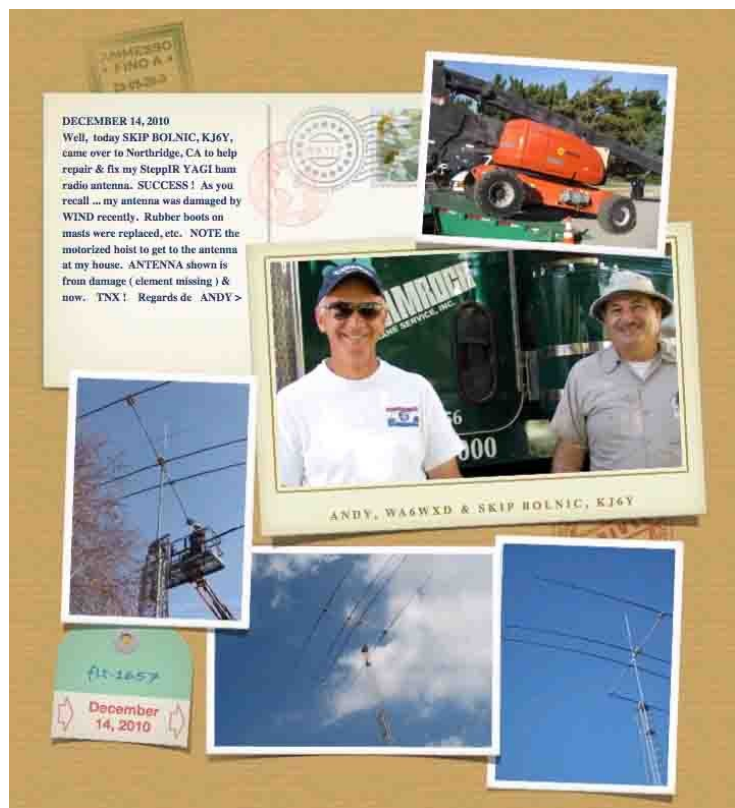
In general this has been a middle year. It was not a great year for low band DXing and nor was it a great year for the higher bands. It was sort of in between. That said I accumulated a few new band / mode countries plus the new PJ entities. I made a total of 4853 QSOs most of them in contests. Only 28 contacts on 6 meters with a new one, FS/W6JKV. Compared to the 2009 season this one was way down. The most notable DX worked was E4X, TJ3AY, ZL8X, TL0A & ST2AR. I updated my DXCC and obtained honor roll, 336, (missing P5 & VU7), and 5BDXCC, DX Challenge (1000). I have 500 more to submit but those have to wait until I sort out 5BWAZ next year. 10 Meters perked up this fall and I expect things to look real good by next September. We might see Europe on 10 Meters and possibly 6 Meters.

SPURIOUS OUTPUTS

Comments, Announcements, and Interesting Tid-Bits Submitted by Members

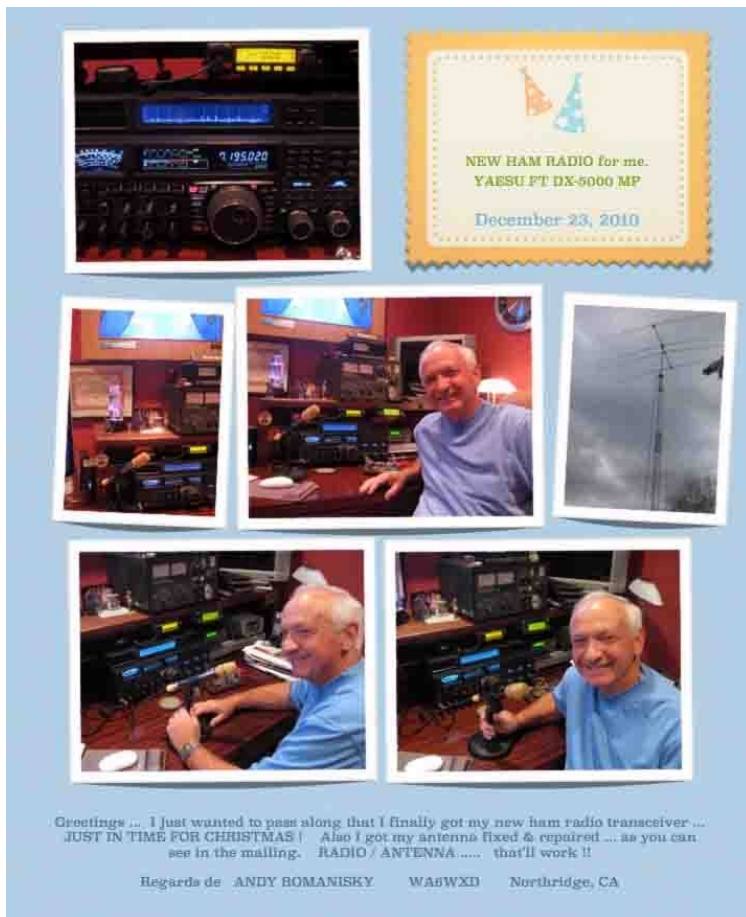
Skip Fixes Antenna (W6NRQ)

Maybe it goes back to my childhood fascination with tractors and big equipment, I always like to see big things get put up or fixed. Boy I hope that was a 100 mph plus wind that took out the SteppIR element! Thanks Steve for forwarding this picture. Thanks Andy for putting it together (*note the club T-Shirt*) and thanks Skip for being the quintessential good guy antenna installer.



And a New Radio (W6NRQ)

Andy also just installed his new Yaesu FTDX 5000 MP. With the antenna and the new radio we will be hearing him a lot on the air. Thanks again Steve for forwarding the pictures and Andy for putting them together. It is always a pleasure to showcase a club members station!



YL DXpedition is in the Works!

It looks like the YL DXpedition to Curacao is in planning! K6GO, AE6WF, W5NYV, N6UWW, KI6LAV, KG6TBR and **our own K6VC and KJ6YL** will be QRV from Signal Point March 17-21 2011. The plan is three to four stations. Check out their website: <http://yldxpeditions.com>



SPURIOUS OUTPUTS

Got Some QSL Cards to Check? (N6QQ)

As of January 1, 2010 The ARRL DXCC desk approved the 4 new entities. There are two QSL card checkers in the area. Arnie, N6HC for the Orange County hams, and John, N6QQ for Los Angeles area. Both are card checkers looking forward to checking your new cards.

For my part (N6QQ) I found it difficult to check cards during the SCDXC meeting. You can schedule an appointment to drop off the cards. Here is what you need to do before you submit your cards to me.

- 1.) Put your QSL cards in correct order
- 2.) Include a new DXCC application with Credit Card information filled out
- 3.) Also bring two envelopes one SASE for sending to ARRL and the other envelop to return your cards at the next meeting.

I will send your application the next day to the DXCC desk.

Remember Field Checkers can not check 160 Meter cards. Those either have to be sent to the ARRL or checked at an event where the ARRL DXCC desk is overseeing card checking.

Various Interesting Outputs from Urban (W6MPB)

Urban always comes up with some great websites. Here are some interesting ones

5 Minute History of Batteries (Video)

[http:// tinyurl.com/BattHistory](http://tinyurl.com/BattHistory)

Falling Loran Tower (Video) *(Very Cool!!)*

<http://www.rwonline.com/article/100502>

How to make a transistor in your home (Gonset)

<http://tinyurl.com/HomeBrewXistor>

Metal Insulator Metal Diode (Gonset)

<http://www.nanowerk.com/news/newsid=18741.php>

Pictures from International Space Station

<http://tinyurl.com/ISS-Wheelock/>

iPad Band Christmas Concert

<http://www.youtube.com/watch?v=F9XNfWNooz4>

SPURIOUS OUTPUTS

More From Urban (W6MPB)

This is propagation article is from the Gonset Newsletter. It is worth reprinting here.

The 11-year solar sunspot cycle has been clicking along for decades. Then, all of a sudden, something that was not predicted happened. During the past few years, there have been very few sunspots. In fact, we have had 800 days with no sunspots and that has not happened in 300 years. This could have profound implications for worldwide weather patterns to say nothing of HF radio propagation in the 3-30 MHz region.

The last time the Sun was this quiet was between the years 1645 and 1715 and it was called the Maunder Minimum. Paintings from that era show wintry weather in areas where it's not typical, like carnivals held on frozen rivers and people playing on the ice. There are historical accounts of rivers in Europe frozen over, and civilizations almost perishing due to the harshness of winters....

<http://tinyurl.com/MissingSunSpots-Part1>

<http://tinyurl.com/MissingSunSpots-Part2>

http://en.wikipedia.org/wiki/Maunder_Minimum

<http://arxiv.org/abs/1005.5303v1>

LZ Open Contest (LZ1GL)

LZ Open Contest 2011 will take place on 15-th of January (saturday) from 00.00 to 04.00 UTC (4 hours total contest time).

Rules at <http://www.lzopen.com>. LZOPEN Contest is supported by N1MM , SD by EI5DI, UA1AAF, 5MContest and other loggers.

CATEGORIES:

Bulgarian stations: Multi operators, Single operator High pwr, Single operator Low pwr and QRP-5W
Foreign stations Europe: Multi operators, Single operator High pwr, Single operator Low pwr and QRP-5W
Foreign stations Outside Europe: Multi operators, Single operator and QRP (5W)
Straight key Entrants (STREY World) - regardless of country , continent or power.

Lady Operators - in addition to the category in which ladies participate they will be classified in an separate additional category too.

We invite CW operators from all over the world to take part in this event and to join us in our efforts to make this contest one of the most dynamic in the air.

Everyone works everyone in a 30 minutes time period. The last time we have received 128 logs and now we are expecting more than 200. It means that an average rate of more than 120 contact per hour is possible to be reached.

You can watch live logs check right after the contest. There is a live result's page changing after every new log received and upoaded. You can also compare your log with any other log and you can see your errors. This cross check function is unique and we are proud to be the first testers using it.

We are also recording the contest so it will be interesting for you to hear how your signal sounds here in Sofia. Every participant is very important to us! We are open to any critics or suggestions.

Thanks for your support - we all hope to see you in the contest !

HOLIDAY PARTY 2010







2010 TOP TEN MOST WANTED COUNTRIES

North America West Coast

Before we proceed there is some feedback from the Yemen article. Franz Langer is an honorary member of the club. He provided us with the documentation for the 701A DXpedition. Again this same documentation was submitted to the ARRL. It seems that the Southern Administration is not recognized by the Sana'a administration. Consider this. That same administration has stated recently that no amateur operations were ever permitted. It just goes to show you how difficult it can be even when you do everything to the best of your ability!

copy - color

بسم الله الرحمن الرحيم

REPUBLIC OF YEMEN
Ministry Of Communication
Aden Branch

الجمهورية اليمنية
وزارة المواصلات
فرع - عدن

Ref : MO C/ AD/ PD/ 6-3/ 28/ 96. : المرجع
Date: 26th Nov , 96. : التاريخ

Mr. Franz Langner ,
Benfelder Str. 4,
77955 Ettenheim , Germany.
Tel : 07822-896716
Fax: 049-7822-896717

Dear Mr. Langner ,
Thank you for your fax letter dated on 25-11-96 .
I am pleased to inform you that I 've managed to get permission for Mr. Yasuo
to accompany you in the period 13th-21st Dec 96 in your mutual amateur project.
He is already informed by fax. Regarding your fax dated 19th Nov still haven't
received yet , may be misrouted somewhere here. If
possible , send me details of your equipment to arrange
for customs clearance at your arrival .
Awaiting your last favourable reply , thanking in advance.

HAMED.A.AL'ATTAR
FREQUENCY MANAGER,
MIN. OF COMMUNICATION ADEN - BRANCH
FAX NO : 967-2-240439

C.C. DEP. MIN OF COMM. ADEN - BRANCH

الجمهورية اليمنية
REPUBLIC OF YEMEN
وزارة المواصلات / فرع عدن
MINISTRY OF COMMUNICATIONS
AMATEUR RADIO LICENCE

Licence No.: 001
Date of Issue: 13/12/96

Licencee : Yasuo Miyazawa & Franz Langner
Address : ORBIS CO, 803-2 TOKAICHI, MIDORI, YOKOHAMA - JAPAN.

1- Frequency(ies)	Amateur Radio Bands
2- Call Sign.	70 1A
3- Class of Emission	J3E & A1A
4- Location of Station/Equipments	Yemen Telecommunications Corporation / ADEN.
5- Make & Model of Equipment	Kenwood TS 50
6- Power of Emission	100 / 500 Watts
7- Type of Antenna	Beam / Dipole
8- Operating Time	24 - hrs
9- Area(s) of Reception	World Wide
Annual Fees: YD.	Exempted
Serial No.:	041000204

Authorized Signature.

Mr. Yasuo Miyazawa & Franz Langner are allowed , beginning 14 Dec 96 to 31 Dec 96 , to establish
and use amateur station from Aden , Yemen .
According to international radio regulations that he agrees to obey .



Thanks Franz for the documentation. If you would like to write an article about the trip we would be more than happy to print it. Maybe you too will receive DXCC accreditation after 14 years!

REPUBLIC OF YEMEN
Eng. AHMED MOHAMED KASSER
Deputy Minister of
Communication - Aden Branch
Ministry of Communication Fax: 203266 Aden
Aden Branch 204767
214321 Aden Off: 204655 Aden
Home 214321 Hudayf Car 7920121
P.O. Box 1221 Tawahi

#6 VK0H Heard Island

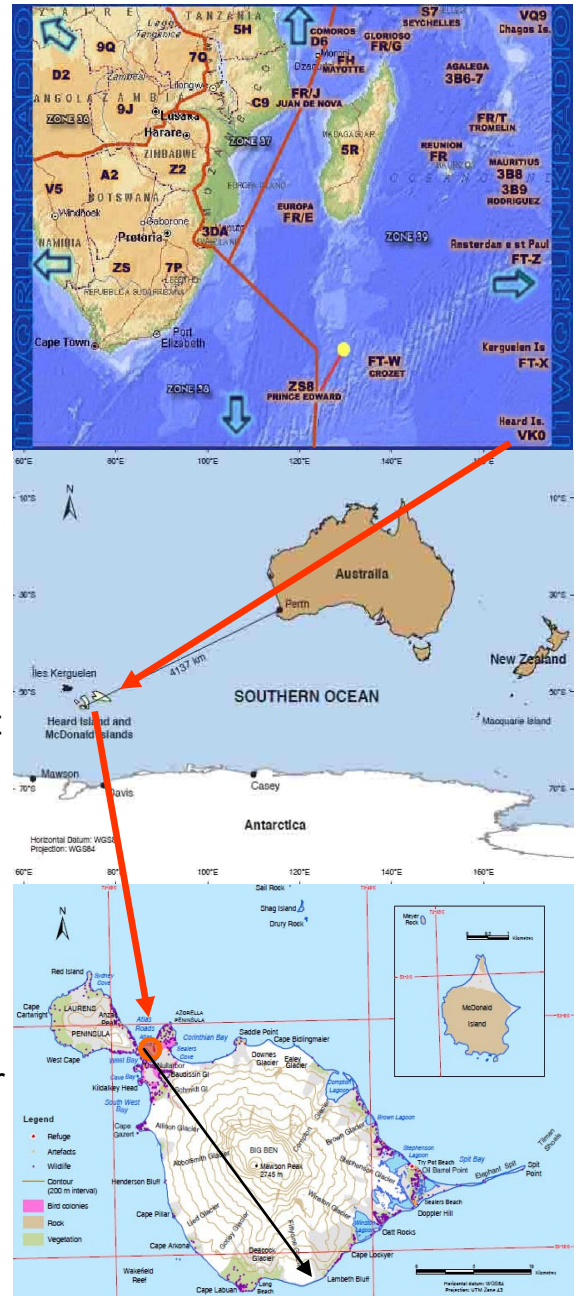
After researching #6 on the list, Heard Island, it was decided that this entity required singular attention. Also Navassa Island, #7 on the list, may require the same. Navassa will be covered next month.

So we start with the sixth most rare country from the West Coast. It seems like this one should be number one. In the past 27 years only a handful of expeditions braved the journey. Two occurred at the same time in 1983 and the largest one in 1997 was during a period of very poor propagation. Only the larger West Coast stations even heard them. Obviously this is not only a location that is almost inaccessible, it is a tough path for the West Coast.

History

The islands, Heard Islands and the McDonald Islands (HIMI) were transferred from the United Kingdom to Australia in 1947. Heard is a barren, sub-Antarctic island slightly more than two times the size of Washington, DC. It is 80% ice-covered, bleak and mountainous having Australia's only active volcano, Mawson Peak, it's highest mountain, Big Ben, and it's only glaciers. The island is teeming with penguin, seal and flying bird colonies, which include several species with conservation status at a national and international level. The surrounding waters contain unique and important marine species, many of which are not visible from the water's surface but play a no less significant part in the ecosystem. The entire place is virtually pristine. To get to the island passage through the roughest water in the world must be made. The ocean in between Australia and Heard is called the Roaring Forties for obvious reasons.

The first recorded landing in 1855 was most likely by whalers. The first recorded scientific expedition to Heard Island was by the Challenger in 1874, when a brief landing was made at Atlas Cove and a few scientific samples were collected. Poor weather limited the visit to three hours. Later the same year, the Arcona brought a German expedition to Heard Island, looking for suitable sites for observing a transit of Venus. The poor weather discouraged their interest in the island.



Three scientific visits to the island were made in the early 20th century. The first was in February 1902 by the German Antarctic Expedition, when a small team landed at Atlas Cove for a brief visit to make observations and collect samples.

The second was an eight-day visit to the Atlas Cove region in January 1928 by two French geologists and the third was in November 1929 by the British Australian New Zealand Antarctic Research Expedition, led by Douglas Mawson. As with previous visits, poor weather reduced the duration of the visit and limited the scientific investigations by the field party.

In December 1947, Australia established a research station at the north-western end of Heard Island, at Atlas Cove. The station was originally planned for Spit Bay at the eastern end of the island, but poor weather prevented landing operations there. During the nine years that the station was operated, ninety-one expeditioners wintered on the island. They studied the island's animals, plants and rocks, the region's weather and atmosphere, and they mapped the island. The station was closed down on 9 March 1955, following the establishment of Mawson Base on the Antarctic continent in 1954.

The next Australian scientific visit was for six weeks in the first three months of 1963. During this visit, a number of scientists and a small climbing party were landed on the island. Poor weather prevented the climbers from reaching the summit of Big Ben, the 2750 meter high glacier-covered active volcano that dominates the island.

In 1979/80, a National Mapping expedition visited Heard Island for little more than two weeks. During this visit, the second landing was made on McDonald Island, this time by amphibious vehicle (the first landing having been a brief visit made by helicopter during the joint French-Australian expedition in 1971). A small team was present on the island for five days conducting the first scientific surveys of the island.

Between 1985/86 and 1987/88, three extended visits were made to Heard Island for the three summers, with the 1987/88 expedition present on the island for five months. A short month-long mid-winter visit was made in 1990 by a team of four at Spit Bay. Five expeditioners wintered on Heard Island between January 1992 and March 1993. Further expeditions were present on the island in 2000/01 (42 expeditioners) and 2003/04 (28 expeditioners).

Current intentions are for the Australian Antarctic Division (AAD) to support further Australian Antarctic program summer visits to the region approximately every three years over the next decade to undertake research, monitoring, and any required on-site management activities.

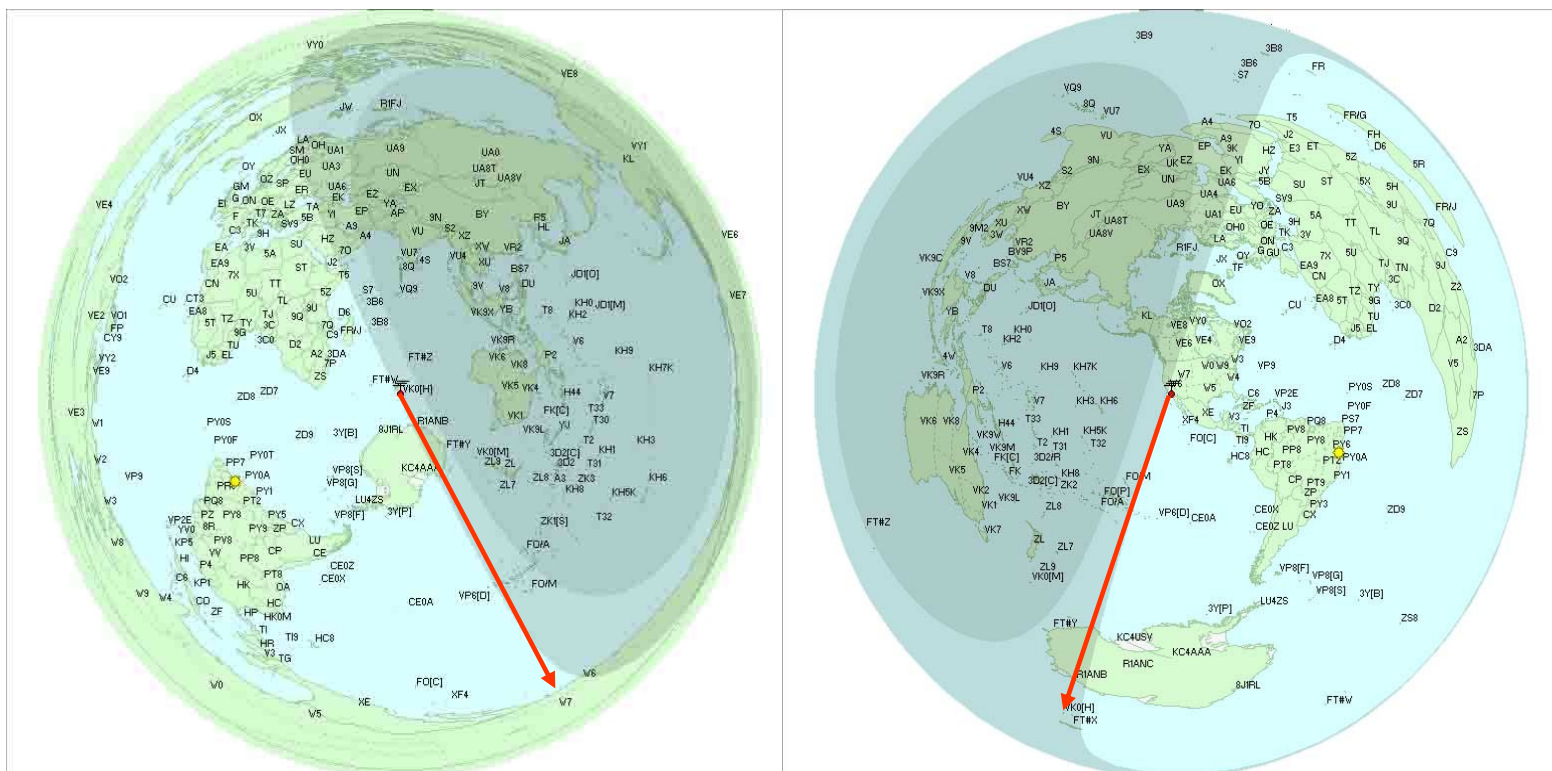


Propagation

The West Coast, which is close to Heard Islands antipode, is the most difficult path, right through the southern aural zone which can scatter or absorb most of the signals. On top of this the 10,000 foot massif Big Ben is directly in the way of a station set up at Atlas Cove. The advantage of being at the antipode is that no matter where you point your antenna you intersect it. As demonstrated by the azimuth maps below we are not quite at that point. The disadvantage is that wherever you point you have to go through everyone else. Actually our short path shot to the island is almost free from any other land mass and in the opposite direction of Europe and



Asia and 90 degrees off of, Africa, the East Coast, South America, and the Pacific. This would imply that when the band opens to the West Coast and the operator at Heard Island is pointing at us we have him all to ourselves. Hopefully an expedition will set up on the southeast end of the island. There is no shelter at that end and it faces the Antarctic where the worst weather would originate. In many of the articles the East Coast stations were working them QRP. Again looking at the maps it is evident that everyone else, all who are on the landmasses that are not between us and the island, have a clear shot. Sometimes it just does not pay to be the unique location. It is interesting to see the United States squished out on the edge of an azimuth map. No matter where the operator would point someone in W land is in his field of view. Note that there is little land between Heard and the New England states. Those guys have all the luck!



Amateur Radio Activity

Early Years

In the years after World War II there were many expeditions to Heard Island hosted by several countries. Furthermore the Australian National Antarctic Research Expeditions (ANARE) established research stations which studied various aspects of the region for extended periods. The main method of communication was via radio and inevitably the radio operator was more often than not a ham. Furthermore radio operators on the supply ships that restocked the island often were radio amateurs.

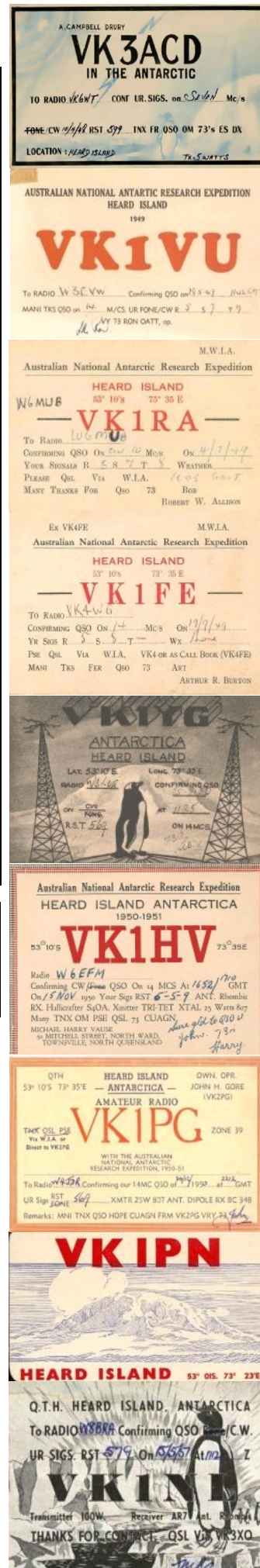
The best Heard Island amateur radio history found on line is at the VK0IR website. This history is a verbatim excerpt from Stephen Pall's articles in Amateur Radio (Australia) Aug., 1995, pp. 32-33 and Oct. 1995, p. 35. It is quoted below.

The first amateur radio activity from Heard Island came in 1947 when Allan Campbell- Drury signed VK3ACD/Heard. He was on the island for 15 months and returned to the island for the two following years with ANARE. It was also reported that in the years of 1948-50 Michael Vause was signing as VK1HV/Heard. According to CQ magazine, N. T. Lied used the VKØNL callsign in 1963. Bob Allison was also reported in the same year using the callsign VK1RA. Don Miller W9WNV "used" the call VK2ADY/VKØ in 1966. In 1969 Bill Rohrer W7ZFY was heard with the callsign VKØWR when he USCG Southwind stopped to unload some scientific equipment. Hugh Milburn WA6EAM signed VKØHM in 1976 when he was on Heard Island in connection with a group making celestial observations for the National Mapping Authority.

There is also a suggestion that a year later a French group visited the island and F2JD was reported to be active using the VKØHM callsign. The National Mapping group apparently visited Heard Island several times. In 1980 the ship Cape Pillar took some members of the mapping group to the island. The call VKØRM was used by the radio officer of the ship. He made only a limited number of contacts before his equipment failed.

Heard Island Activity (VK0H)		
Date	Call Sign	Operators
1947 - 1949	VK3ACD/ H	VK3ACD
1948 - 1950	VK1HV/H	VK1HV
1949	VK1VU	VK1VU
1949	VK1RA	VK1RA
1949	VK1FE	VK1FE
1950	VK1FV	VK1FV
1950	VK1PG	VK1PG
1952	VK1PN	VK1PN
1957	VK1NL	VK1NL
1963	VK0NL	N. T. Leid
1963	VK1RA	Bob Allison
1969	VK0WR	W7ZFY
11/1969 4/3/1970	VK0HM	WA6EAM
1980	VK0RM	
2/5/1983 2/22/1983	VK0JS VK0NL	VK9NS VK9NL WA8MOA OE1LO VK0SJ
1/21/1983 2/21/1983	VK0CW VK0HI	K8CW VK3DHF
1986 1987	VK0DA	
1987	VK0HI	VK3EVN
1997	VK0IR	Large Group

Unaccredited Activity (VK0H)		
Date	Call Sign	Operators
1966	VK2ADY/VK0	W9NNV
1970	VK0HM	F2JD

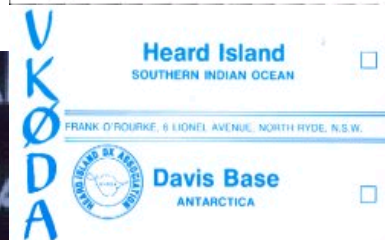
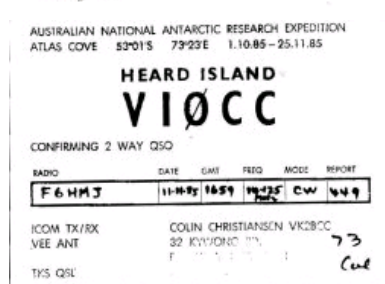
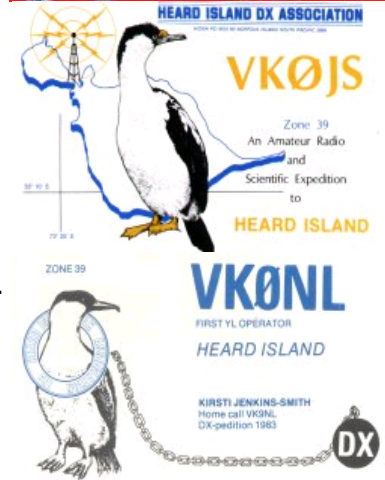
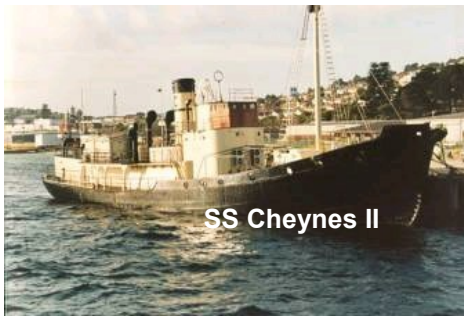
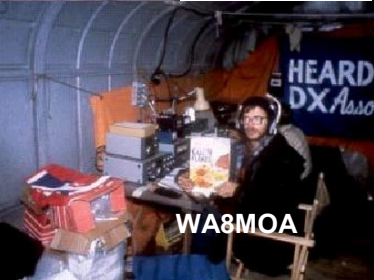


VK0JS VK0CW (1/1983)

In 1983 two DXpeditions activated Heard Island almost simultaneously. The first group to arrive was headed up by Jim Smith and the Heard Island DX Association (HIDXA). They had quite an adventure! You can read about it at <http://www.hidxa.nlk.nf/>. Jim's wife, Kristi, VK9NL, wrote a book about the trip. It can be purchased through their website <http://www.jimkirsti.com/books.html>.

They traveled to the island on an ancient whaling ship, The Cheynes II. Expecting to take 7 days to arrive at their destination the fuel consumption was more than planned. They left Hobart, Tasmania just after New Years and had to return again to refuel. Later they made an unscheduled stop in Albany, Western Australia to refuel and another stop at Kerguelen Island. They arrived from the West on February 5th over 30 days after their departure. The stations were set up in metal shelters left by the French in Atlas Cove. The operators were VK9NS, VK9NL, VKØSJ, WA8MOA and OE1LO. Kristi was the first YL to operate from Heard. The conditions were austere and very cold nevertheless the team managed 14,000 QSOs in 138 countries before they broke camp and left. The ship ran out of fuel on the return trip. They fashioned sails out of tarps and sailed back part of the way. Fi-

nally they were towed in to Albany, Western Australia. It took 27 days to make the return passage. They were out of food and water. A major disaster was narrowly averted. A film crew documented that travelled with the team the story in the movie "The Boat That Shouldn't Have".



VK0HI VK0CW (Jan / February 1983)

This is another case of not much said on the internet. Dave Shaw ,VK3DHF, and Al Fisher ,K8CW, members of The West Australian VK6 DX Chasers Club, travelled to Heard Island from Perth aboard the Sail Boat, Anaconda II. They arrived at the island from the east. They were on the island from 21 January to 21 February 1983 and in a month's time made 30,000 contacts under the callsigns VKØHI (VK3DHF) and VKØCW (K8CW). A mountaineering group travelled with the team and were the second group to successfully climb Mawson's Peak on Big Ben. The expedition went off without a hitch. In fact the Anaconda II assisted evacuating the mountaineering team that travelled with the VK0JS DXpedition. Apparently the dingy used to transport people from the Cheynes II sank. Both groups were represented at the International DX Convention at Visalia in 1983. It was interesting to say the least as each told their story.



VK0IR (1995)

A Trip to Heard was planned and arranged by KK6EK and VK6IR. The equipment was shipped and a contract for passage signed. It turned out that the vessel operator never intended to take the team and fled with the funds. The team re-planned a trip to take place in 1997.



VK0IR (1997)

A multi-national expedition headed by KK6EK made the trip to Heard. Their purpose was to satisfy the worldwide demand for this rare entity. The Expedition was carried out by a team of 20 members during a five-week period in Jan.- Feb. 1997. The team departed Reunion Island aboard the French vessel Marion Dufresne on Jan. 7, and returned on Feb. 6. Eighteen days were spent on Heard Island, with a brief visit Kerguelen Island afterward.

The DXpedition was precisely organized and executed. All personnel and gear was transported by helicopter to the site from the ship. The installation which included seven arctic shelters, generators, and six fully equipped stations was rehearsed in the United States well in advance of the trip.

The 20 team members came from 10 countries: EA8AFJ Michel Sabatino, HB9AFI Kurt Wetter, HB9AHL Willy Rusch, HB9BHL Hans Burki, KØIR Ralph Fedor, K4UEE Bob Allphin, K9AJ Mike McGirr, KK6EK Robert Schmieder, N6EK Bob Fabry, N6MZ Michael Mraz, NP4IW Carlos Nascimento, OE9AMJ Arno Metzger, ON5NT Ghis Penny, ON6TT Peter Casier, PA3DUU Arie Nugteren, RA3AUU Igor ("Harry") Booklan, VK2JDM (VK2TQM) David Muller, W8FMG Wes Lamboley, WØGJ (WAØPUJ) Glenn Johnson, K3VN (WA3YVN) Al Hernandez, and 9V1YC James Brooks. The budget for the operation was over \$320,000. Remember that is in 1997 dollars when you could buy a car for under \$10,000. In 2013 dollars the cost would exceed \$1,000,000.

Operation began on January 14th and ended on January 29th. The planned departure date was January 31st but a weather front forced the team to leave early. The team logged 80,673 contacts most of which were from Europe, Japan and the East Coast of the United States.

The VK0IR website is still active. It has complete layout diagrams as well as detailed descriptions of the operation. It is well worth your while to visit.

<http://www.cordell.org/HI/>



Future Heard Island DXpeditions

There is planning for another trip afoot. The scheduled date is Summer 2013. The following press release was sent out September 2010. This DXpedition will be active very close to the solar maxima and with any hope many of us will snag this one on several bands.

The DX fraternity is eagerly looking forward to the day that Heard Island VK0-H, in the top ten of the world's most wanted DX entities, is activated again.

Preliminary, but serious plans have begun to put this uninhabited sub-Antarctic island, in the Southern Indian Ocean, home to Mt Big Ben which is Australia's highest mountain and active volcano, back on air in February 2013.

Chris Dimitrijevic VK3FY, who is the busy Team Leader for The Spratly Islands DX0DX DXpedition in January 2011, has announced that the planning phase for Heard Island 2013 has begun. The Co-Leader for Heard Island DXpedition is Steve Chamberlain VK6IR.

The last VK-organized activations of this remote Australian territory were back in 1983, although it has been activated since then in 1997.

In 2013 it is proposed to have a 13-member DXpedition team on the island for two weeks. Costs are expected to be in the order of \$USD500,000.

The key preliminaries are to seek a permit to land on the World Heritage Site marine reserve located some 4,000 kilometers southwest of mainland Australia.

Chris VK3FY has already had discussions with the office of the relevant Australian Government Minister and submitted an application for Ministerial approval.

An appropriate ship for this journey has been sourced and negotiations have begun with its owners.

Once those steps are completed, or satisfactorily progressed, at least one callsign will be sought from the Australian Communications and Media Authority, and an internet website set up to keep everyone informed.

Jim Linton VK3PC

Publicist for the Heard Island 2013 DXpedition.

Unaccredited Operations

VK2ADY/ 0 1966 Heard Island (W9NNV)

This is one of Don's DXpeditions that did not meet DXCC requirements for accreditation. Don was spotted in British Columbia, Canada giving a talk to a local radio club 2 days before the operation took place. Several hams said the beam heading was north not south. This brought the operation's validity into question.

VK0HM 1971 (F2JD)

Gerard, F2JD/FB8XX, a member of the Franco-Australian research team that visited Heard in January and February 1971 did operate from the ANARE facility. Gerard was given permission to operate by the Australian PTT. Arriving at Heard he saw the call sign VK0HM on the wall of the radio room. At that time many Antarctic bases used common shared call signs. For example, TAAF used the same call sign from their bases (e.g. FB8XX from Kerguelen). Also the American Antarctic bases use common calls (e.g. KC4AAA, KC4USA). Thinking it was the base call sign Gerard used it. The previous operator, WA6EAM, who held the call complained and unfortunately Gerard's contacts were not accredited.



One Failed Heard Island DXpedition

One team was mentioned on the web that did not make it to Heard Island. Walt W7SE, was a member of that expedition. Walt, who was an engineer for Aramco, was very active from Saudi Arabia as HZ1AB. He was given operating permission and the call VK0SE to use on Heard Island. However, Walt never made it to the island. The boat and the crew hired did leave Perth for Heard Island with the team on board however they encountered two big storms on the way. Two times the vessel returned to Perth, to reload and fuel. After the second attempt, Walt ran out of time, and had to return to Saudi Arabia for work. He did carry the gear on the boat to Heard Island. Given the difficult passage it is amazing that more expeditions have not failed. This says something about the abilities of the crews that regularly sail the Antarctic region. Notice that the expeditions are in the January / February time frame. That is the middle of summer in the Southern Hemisphere. The majority of the year the region is a solid ice pack impossible to traverse.

That completes our review of Hear Island. Again it was a lengthy one with lots of twists and turns. Hunting for this information on the internet is nothing short of forensic research. You find a sentence on one site and a snippet on another. Rarely have there been long complete discourses on any subject. That is the internet, one large interconnected body of information. I hope you enjoyed the read. If anyone has more to add please forward it and it will be in next month's column!

Next we will look at Navassa and Somalia. That should take up some real estate!
See You Next Month!



2010 TOP 10 NEEDED COUNTRIES NORTH AMERICA WEST COAST		
1	FT5G	GLORIOSO
2	SV/A	MOUNT ATHOS
3	P5	NORTH KOREA
4	7O	YEMEN
5	FT5T	TROMELIN
6	VK0/H	HEARD ISLAND
7	KP1	NAVASSA
8	T5	SOMALIA
9	FT5Z	AMSTERDAM
10	FT5/JE	JUAN DE NOVA/EUROPA



CLUB POLO SHIRTS

SO CAL DX CLUB POLOS

**All shirts include the club logo embroidered on the left front and names/
call signs embroidered on the right front.**



**Port Authority® -
Pique Knit Sport Shirt
with Pocket. K420P**

We garment washed our pique knit sport shirt for softness and added a pocket for pens and more.

- 7-ounce, 100% ring spun combed cotton
- Double-needle stitching throughout
- Flat knit collar and cuffs
- Locker patch
- Horn-tone buttons
- Side vents

Adult Sizes: XS-6XL

Available colors: Black, DarkGreen, FadedBlue, LightBlue, Navy, Oxford, Red, Royal, Stone, White

\$27.50 (XS - XL)



**Port Authority® -
Ladies Pique Knit Sport
Shirt. L420**

A favorite year after year, these sport shirts are known for their exceptional range of colors, styles and sizes. The soft pique knit is shrink resistant and easy to care for, so your group will always look its best.

- 7-ounce, 100% ring spun combed cotton heavyweight pique (preshrunk)
- Garment washed for softness
- Double-needle stitching throughout
- Traditional, relaxed look
- Flat knit collar and cuffs
- Reverse placket
- Horn-tone buttons
- Locker patch
- Side vents

Ladies Sizes: XS-4XL

Available colors: Black, Blueberry, Burgundy, ClassicNavy, DarkGreen, FadedBlue, KhakiHeather, LightBlue, LightPink, Lilac, Navy, Orange, Oxford, Pistachio, Purple, Red, Royal, Seafoam, SteelGrey, Stone, SunsetRed, Turquoise, White, Yellow

XS-XL \$27.50
(Add \$1 for each X for sizes 2X - 4X)

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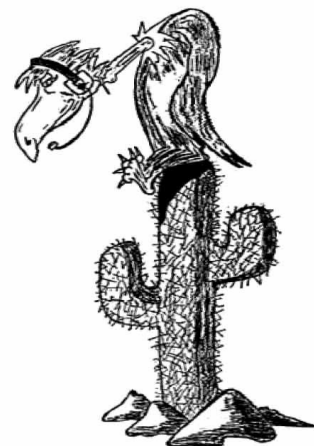
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L420													27.50	
K420													27.50	
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2011 Arizona State Convention

7th Annual

Yuma Hamfest & Emergency Preparedness Show Yuma, Arizona Feb. 18 & 19, 2011



Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona

www.yumahamfest.org

Check the Website for Additional Information
and a Current Schedule of Activities and Seminars

**Amateur Radio Equipment
Emergency Supplies
Batteries & Power Inverters**

**Disaster Preparedness Information
Solar Power Information
Emergency Bug Out Bags**

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Buzzard BBQ & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
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**Consignment Sales
License Testing for Hams
Hourly Door Prizes
Incredible Grand Prizes
\$1 Admission**

**Tailgating (Swap Meet)
Seminars
Hospitality Area
On-site RV Camping
Free Parking**

Hamfest Talk-In Frequency: 146.840 (-) PL 88.5 Hz

Email Contact: **info@yumahamfest.org**

Presented by the Yuma Amateur Radio Hamfest Organization (YARHO)



We are proud to have the Amateur Radio
Council of Arizona (ARCA) as a sponsor of
our event.

The Yuma Hamfest is an American Radio
Relay League (ARRL) sanctioned event.



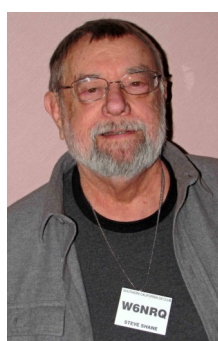
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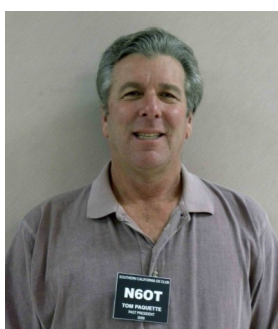
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